

CBL Scale Calculations

Using the formula from Ground Water Section Guidance No. 34:

$$A_{80} = 10^{((0.2 \log A_0) + (0.8 \log A_{100}))}$$

For Ute Tribal 08-12:

Engineering Ruler (40) Scale: 0-100mV

$A_0 = 84.0\text{mV}$, found at 2100' on the CBL

$A_{100} = 6.0\text{mV}$, found at 5096' on the CBL

$$A_{80} = 10^{((0.2 \log_{84.0}) + (0.8 \log_{6.0}))}$$

$$A_{80} = 10^{1.01}$$

$$\mathbf{A_{80} = 10.23}$$